



IFW

PATENT

I hereby certify that on the date specified below, this correspondence is being deposited with the United States Postal Service as first-class mail in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

July 22, 2004  
Date

Denise Sheridan Phoebe Ryson

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Appl. No. : 10/617,246

Confirmation No. : 2848

Applicants : Christopher K. Morzano et al.

Filed : July 9, 2003

Attorney Docket No.: 501284.01

Art Unit : 2818

Customer No. : 27,076

Examiner : Son Luu Mai

Title : DATA STROBE SYNCHRONIZATION CIRCUIT AND METHOD FOR DOUBLE  
DATA RATE, MULTI-BIT WRITES

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

RESPONSE UNDER 37 C.F.R. § 1.111

Sir:

Applicants acknowledge receipt of the Office Action dated June 14, 2004. Please amend the above-identified application as follows:

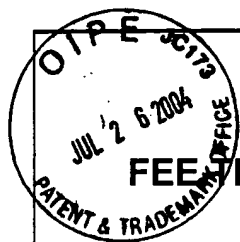
Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims which begins on page 5 of this paper.

Amendments to the Drawings begin on page 23 of this paper and include both replacement sheets and an annotated sheet showing changes.

Remarks begin on page 24 of this paper.

An Appendix including amended drawing figures is attached following page 25 of this paper.



# FEE TRANSMITTAL SHEET (FOR FY 2004)

Complete if Known	
Application No.	10/617,246
Filing Date	July 9, 2003
First Named Inventor	Christopher K. Morzano et al.
Group Art Unit	2818
Examiner	Son Luu Mai
Atty. Docket Number	501284.01

METHOD OF PAYMENT (Check One)	FEE CALCULATION (Continued)																																																																																																																																																																																		
1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fee required under 37 C.F.R. §§ 1.16 and 1.17 and 1.136(a)(3) and credit any over payments to Deposit Account No.: 50-1266; Deposit Account Name: <u>DORSEY &amp; WHITNEY LLP</u>	<b>3. ADDITIONAL FEES</b> <table border="1"><thead><tr><th colspan="2">Large Entity</th><th colspan="2">Small Entity</th><th rowspan="2">Fee Description</th><th rowspan="2">Fee paid</th></tr><tr><th>Fee Code</th><th>Fee (\$)</th><th>Fee Code</th><th>Fee (\$)</th></tr></thead><tbody><tr><td>1051</td><td>130</td><td>2051</td><td>65</td><td>Surcharge - Late filing fee or oath</td><td>\$</td></tr><tr><td>1052</td><td>50</td><td>2052</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td>\$</td></tr><tr><td>1053</td><td>130</td><td>1053</td><td>130</td><td>Non-English specification</td><td>\$</td></tr><tr><td>1812</td><td>2,520</td><td>1812</td><td>2,520</td><td>For Filing a Request for <i>ex parte</i> Reexamination</td><td>\$</td></tr><tr><td>1804</td><td>920</td><td>1804</td><td>920</td><td>Requesting publication of SIR prior to Examiner action</td><td>\$</td></tr><tr><td>1805</td><td>1,840</td><td>1805</td><td>1,840</td><td>Requesting publication of SIR after Examiner action</td><td>\$</td></tr><tr><td>1251</td><td>110</td><td>2251</td><td>55</td><td>Extension for reply within first month</td><td>\$</td></tr><tr><td>1252</td><td>420</td><td>2252</td><td>210</td><td>Extension for reply within 2<sup>nd</sup> month</td><td>\$</td></tr><tr><td>1253</td><td>950</td><td>2253</td><td>475</td><td>Extension for reply within 3<sup>rd</sup> month</td><td>\$</td></tr><tr><td>1254</td><td>1,480</td><td>2254</td><td>740</td><td>Extension for reply within 4<sup>th</sup> month</td><td>\$</td></tr><tr><td>1255</td><td>2,010</td><td>2255</td><td>1,005</td><td>Extension for reply within 5<sup>th</sup> month</td><td>\$</td></tr><tr><td>1401</td><td>330</td><td>2401</td><td>165</td><td>Notice of Appeal</td><td>\$</td></tr><tr><td>1402</td><td>330</td><td>2402</td><td>165</td><td>Filing a brief in support of an appeal</td><td>\$</td></tr><tr><td>1403</td><td>290</td><td>2403</td><td>145</td><td>Request for oral hearing</td><td>\$</td></tr><tr><td>1814</td><td>110</td><td>2814</td><td>55</td><td>Terminal Disclaimer Fee</td><td>\$</td></tr><tr><td>1452</td><td>110</td><td>2452</td><td>55</td><td>Petition to revive - unavoidable</td><td>\$</td></tr><tr><td>1453</td><td>1,330</td><td>2453</td><td>665</td><td>Petition to revive - unintentional</td><td>\$</td></tr><tr><td>1501</td><td>1,330</td><td>2501</td><td>665</td><td>Utility/Reissue issue fee</td><td>\$</td></tr><tr><td>1502</td><td>480</td><td>2502</td><td>240</td><td>Design issue fee</td><td>\$</td></tr><tr><td>1503</td><td>640</td><td>2503</td><td>320</td><td>Plant issue fee</td><td>\$</td></tr><tr><td>1460</td><td>130</td><td>1460</td><td>130</td><td>Petitions to the Commissioner</td><td>\$</td></tr><tr><td>1807</td><td>50</td><td>1807</td><td>50</td><td>Processing fee under 37 CFR 1.17(q)</td><td>\$</td></tr><tr><td>1808</td><td>180</td><td>1808</td><td>180</td><td>Submission of IDS</td><td>\$</td></tr><tr><td>8021</td><td>40</td><td>8021</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td>\$</td></tr><tr><td>1801</td><td>770</td><td>2801</td><td>385</td><td>Request for Continued Examination (RCE)</td><td>\$</td></tr><tr><td colspan="5">Other fee (specify)</td><td>\$</td></tr><tr><td colspan="5"><b>Subtotal (3)</b></td><td><b>\$0</b></td></tr><tr><td colspan="5"><b>Total Amount of Payment:</b></td><td><b>\$0</b></td></tr></tbody></table>	Large Entity		Small Entity		Fee Description	Fee paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)	1051	130	2051	65	Surcharge - Late filing fee or oath	\$	1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	\$	1053	130	1053	130	Non-English specification	\$	1812	2,520	1812	2,520	For Filing a Request for <i>ex parte</i> Reexamination	\$	1804	920	1804	920	Requesting publication of SIR prior to Examiner action	\$	1805	1,840	1805	1,840	Requesting publication of SIR after Examiner action	\$	1251	110	2251	55	Extension for reply within first month	\$	1252	420	2252	210	Extension for reply within 2 <sup>nd</sup> month	\$	1253	950	2253	475	Extension for reply within 3 <sup>rd</sup> month	\$	1254	1,480	2254	740	Extension for reply within 4 <sup>th</sup> month	\$	1255	2,010	2255	1,005	Extension for reply within 5 <sup>th</sup> month	\$	1401	330	2401	165	Notice of Appeal	\$	1402	330	2402	165	Filing a brief in support of an appeal	\$	1403	290	2403	145	Request for oral hearing	\$	1814	110	2814	55	Terminal Disclaimer Fee	\$	1452	110	2452	55	Petition to revive - unavoidable	\$	1453	1,330	2453	665	Petition to revive - unintentional	\$	1501	1,330	2501	665	Utility/Reissue issue fee	\$	1502	480	2502	240	Design issue fee	\$	1503	640	2503	320	Plant issue fee	\$	1460	130	1460	130	Petitions to the Commissioner	\$	1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	\$	1808	180	1808	180	Submission of IDS	\$	8021	40	8021	40	Recording each patent assignment per property (times number of properties)	\$	1801	770	2801	385	Request for Continued Examination (RCE)	\$	Other fee (specify)					\$	<b>Subtotal (3)</b>					<b>\$0</b>	<b>Total Amount of Payment:</b>					<b>\$0</b>
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FEE CALCULATION					
<b>1. BASIC FILING FEE</b>					
Large Entity		Small Entity			
Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	
1001	770	2001	385	<input type="checkbox"/> Utility Filing Fee	
1002	340	2002	170	<input type="checkbox"/> Design Filing Fee	
1003	530	2003	265	<input type="checkbox"/> Plant Filing Fee	
1004	770	2004	385	<input type="checkbox"/> Reissue Filing Fee	
1005	160	2005	80	<input type="checkbox"/> Provisional Filing Fee	
<b>Subtotal (1)</b>				<b>\$0</b>	
<b>2. EXTRA CLAIM FEES</b>					
Current Claims	Prior	Extra	Fee	Fee Paid	
Total 62	- 63	= 0	x \$ 18	= \$ 0	
Ind. 9	- 9	= 0	x \$ 86	= \$ 0	
Multiple Dependent Claims			x \$	= \$	
<b>Subtotal (2)</b>				<b>\$0</b>	
Large Entity		Small Entity			
Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	
1202	18	2202	9	Claims in excess of 20	
1201	86	2201	43	Independent claims in excess of 3	
1203	290	2203	145	Multiple dependent Claim	
1204	86	2204	43	Reissue independent claims over original patent	
1205	18	2205	9	Reissue claims in excess of 20 and over original patent	

Submitted by:

Name: Edward W. Bulchis

Reg. No.: 26,847

Telephone: (206) 903-8800

Signature:

Date: July 21, 2004